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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/920,242	08/01/2001	Andrew Hodgkinson	BAI825390/01485	4038
24118 7590 05/12/2008 HEAD, JOHNSON & KACHIGIAN 228 W 17TH PLACE TULSA, OK 74119				
EXAMINER				
STORK, KYLE R				
ART UNIT		PAPER NUMBER		
2178				
MAIL DATE		DELIVERY MODE		
05/12/2008		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

**Application No.**

09/920,242

**Applicant(s)**

HODGKINSON, ANDREW

**Examiner**

KYLE R. STORK

**Art Unit**

2178

**Period for Reply** -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 April 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 5, 7, 8, 16 and 17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 5, 7, 8, 16 and 17 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SF/IC)
- Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. This non-final office action is in response to the amendment filed 17 December 2007 and the RCE filed 7 April 2008.
2. Claims 5, 7-8, and 16-17 are pending. Claims 16-17 are independent claims.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 5 and 16-17 remain rejected under 35 U.S.C. 103(a) as being unpatentable over Cordell et al. (US 5845084, patented 1 December 1998, hereafter Cordell), and further in view of Snyder (US 6643641, filed 27 April 2000).

As per dependent claim 5, Cordell discloses the limitations similar to those in claim 17, and the same rejection is incorporated herein. Cordell fails to specifically disclose wherein when an event occurs in the reception of data that would conventionally cause an immediate reformat of the web page the facility notes the highest y-coordinate point or level in the displayed page that would be affected by the reformat and commences the time interval. However, Cordell 084 mentions a similar process (Cordell Col 13 Lines 1-58). It would have been obvious to one of ordinary skill in the art to apply Cordell 084 to Cordell, providing Cordell the benefit of determining the highest level of the displayed page affected to ensure the correct format of the page.

As per independent claim 16, Cordell discloses an internet web browsing method, the method comprising the steps of:

Identifying an obtaining data from a web page in response to a user instruction (Figure 2, item 36)

Processing the received data to generate and display the web page connected thereto (Figure 4A, item 70)

Following selection of the webpage and the data is being received by a browser, the reformatting data for display of the selected web page by the browser is prevented until one or more of the following conditions are satisfied:

A predetermined time has elapsed since the previous reformat of that web page

A predetermined amount of data is received since the previous reformat of the web page, the predetermined amount being specified prior to the step of obtaining data for that web page

A data retrieval is stopped by the user (column 3, lines 21-35: Here, a user can stop the retrieval of inline images that are to be displayed in "normal mode" by selecting to display placeholders)

Displaying the reformatted data

Although Cordell discloses preventing the display of reformatted data, Cordell fails to disclose storing data for display prior to displaying any of the data until a predetermined event occurs. However, Snyder discloses storing data in a buffer, thereby preventing the data from being displayed until an event occurs, which triggers

display of the data stored within the buffer (column 9, line 48- column 10, line 17). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Snyder with Cordell, since it would have allowed a user to receive the prefetched webpage data, thereby allowing for more rapid display of web page data.

As per independent claim 17, Cordell discloses an internet web browsing method, the method comprising the steps of:

Identifying an obtaining data from a web page in response to a user instruction (Figure 2, item 36)

Processing the received data by a browser to generate and display the web page on a display screen connected thereto (column 1, line 66- column 2, line 17; Figure 4A, item 70: Here, a browser waits until all data is retrieved to generate and display the web page)

Preventing the browser from reformatting the display of the web page while the browser receives data (Figure 4A, items 72-76; column 1, line 66- column 2, line 17)

Reformatting of the display of the selected web page by the browser after the web page is selected and while the data is being received by the browser only if a predetermined time has elapsed since a previous format of the web page or after a predetermined event has occurred, to reduce the number of reformats required in displaying the web page data is received (Figure 4A, items 72-76)

Although Cordell discloses preventing the display of reformatted data, Cordell fails to disclose storing data for display prior to displaying any of the data until a predetermined event occurs. However, Snyder discloses storing data in a buffer, thereby preventing the data from being displayed until an event occurs, which triggers display of the data stored within the buffer (column 9, line 48- column 10, line 17). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Snyder with Cordell, since it would have allowed a user to receive the prefetched webpage data, thereby allowing for more rapid display of web page data.

5. Claims 7 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cordell, and further in view of Lowery et al. (US 5894554, patented 13 April 1999, hereafter Lowery).

As per dependent claim 7, Cordell disclose the limitations similar to those in claim 17, and the same rejection is incorporated herein. Cordell fails to specifically disclose reformatting of the page display can occur during the time interval if all or a predefined proportion of data for the page is received during the time interval. However, Lowery discloses reformatting of the page display can occur during the time interval if all or a predefined proportion of data for the page is received during the time interval (column 8, lines 26-51). It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to have combined Lowery with Cordell, since it

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would have allowed a user to more quickly receive a requested webpage (Lowery: column 6, line 56- column 7, line 8).

As per dependent claim 8, Cordell and Lowery disclose the limitations similar to those in claim 17, and the same rejection is incorporated herein. Cordell fails to specifically disclose wherein sufficient data is deemed to have been received when data which would allow changes to the web page to be achieved up to the previously noted highest y-coordinate point or level has been received. However, Cordell 084 mentions a similar process (column 13, lines 1-58). It would have been obvious to one of ordinary skill in the art to apply Cordell 084 to Cordell, providing Cordell the benefit of determining the highest level of the displayed page affected to ensure the correct format of the page.

### ***Response to Arguments***

6. Applicant's arguments filed 17 December 2007 have been fully considered but they are not persuasive.

The applicant's arguments are based upon the belief that Cordell fails to specifically disclose, "a predetermined amount of data is received by the browser since the previous reformat of that web page, the predetermined amount being specified prior to the step of being obtaining data for that web page (pages 5-8). Although Cordell may not disclose such a limitation, Cordell is not required to teach the limitation. Instead, the applicant's claim language requires:

Following selection of the webpage and the data is being received by a browser, the reformatting data for display of the selected web page by the browser is prevented until one or more of the following conditions are satisfied:

A predetermined time has elapsed since the previous reformat of that web page

A predetermined amount of data is received since the previous reformat of the web page, the predetermined amount being specified prior to the step of obtaining data for that web page

A data retrieval is stopped by the user

In this instance, Cordell discloses the data retrieval being stopped by a user (column 3, lines 21-35: Here, a user can stop the retrieval of inline images that are to be displayed in "normal mode" by selecting to display placeholders). Therefore, while the applicant presents a valid argument with respect to receiving a predetermined amount of data, Cordell continues to disclose at least one of the required limitations. Therefore, the argument is not persuasive.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KYLE R. STORK whose telephone number is (571)272-4130. The examiner can normally be reached on Monday-Friday (8:00-4:30).



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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571) 272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Kyle R Stork  
Examiner  
Art Unit 2178

/Stephen S. Hong/  
Supervisory Patent Examiner, Art  
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